

Application/Control Number : 10/552,730
Art Unit: 1797
November 27, 2009
Page 2

Specification Amendments:

I. Delete the paragraph at lines 11-14 of page 1 (of the text of the original international application) and replace such deleted paragraph with the following replacement paragraph:

--Systemic infections, also known as sepsis, caused by massive and persistent invasion of the circulatory torrent by pathogenic microorganisms or by toxins produced by such microorganisms, and septic shock are among the leading causes of mortality in intensive-care situations.--

II. Delete the paragraph at lines 5-10 of page 9 (of the text of the original international application) and replace such deleted paragraph with the following replacement paragraph:

--Once the transit in the stage 21 for dialyzing the whole blood by means of purified plasma has ended, the plasma loaded with toxins (used dialysate) passes, through the hole 24, into the first compartment 18, where it joins the plasma filtered in the stage 19 for filtering plasma from whole blood, and is returned to the plasma purification circuit 23, where it undergoes the same sequential purification described earlier.--